SUBJECT INDEX

1965

AMPLIFIERS

- A La Pi-Mode, George Fletcher Cooper. March p. 19
- Calibrated Stereo Control Unit, Raphael F. Ehat. Part 1, April p. 30; part 2, May p. 26; part 3, June p. 23; part 4, July p. 22
- Development of a Pulse Modulated Au-dio Amp, Norman H. Crowhurst. Part 1, Sept. p. 19; part 2, Oct. p. 32; part 3, Nov. p. 36; part 4, Dec. p. 36
- Effect of Power Line Variation on Low-Frequency Operation of Amplifiers, George Lehsten. Feb. p. 22
- Amplifier for 2-Channel Stereo Signals, Wayne B. Denny. Jan. D. 19
- Portable Console for Broadcast or Discotheque, John Whitacre. May p. 19 Simple Transistor Driver for Stereo
- Headphones, Fred D. Clapp. Aug. p. 26 Transistor Output Stages Fletcher Cooper. Oct. p. 58. Output Stages, George

Characteristics of Shunted Potentiometers, Ronald L. Ives. Feb. p. 19

EQUIPMENT PROFILES

- Acoustech III Solid-State Power Amplifler; Feb. p. 48
- Altec 604E Speaker System; June p. 36 Altec 844A Monitor Speaker System;
- Dec. p. 50 Benjamin Stereo 200 Phono Playback System; Feb. p. 48
- Bogen B-62 Integrated Turntable; May
- Concord R-2000 Tape Recorder; March
- Dual 1010 Automatic Record Player; Feb. p. 42
- EICO 250 Wideband A.C. VTVM; Dec. D. 48
- EICO 3566 Solid-State FM-Stereo Receiver; May p. 44
- Empire 888-P Stereo Cartridge; Oct. p.
- Fisher 600T Solid-State Stereo Receiver; March p. 39
- Garrard Lab 80 Automatic Turntable; March p. 38
- Grado Type A Stereo Cartridge; July p.
- Heathkit AJ43 AM/FM Stereo Tuner; Jan. p. 35
- JBL SG 520 Solid-State Stereo Preamplifier; Jan. p. 34
- JFD LPL-FM 10 FM Antenna; Jan. p.
- KLH Eighteen FM-Stereo Tuner; June p. 35
- KLH Sixteen Stereo Amplifier; June p. 35
- KSC-3 360-deg. Speaker System; Oct.
- Kenwood KW-550 FM-Stereo Tuner; July p. 30
- Knight-Kit KG-870 Transistor Stereo Amplifier; March p. 51 Marantz Model 10B FM-Stereo Tuner;
- April p. 32

- Mattes SSP-200 Solid-State Power Amplifier; Nov. p. 53
- McIntosh MR-71 FM-Stereo Tuner; Feb. p. 42
- McIntosh C-24 Solid-State Stereo Preamplifier; Feb. p. 44
- Network Spark Injector; Feb. p. 46
- Neumann U-64 Condenser Microphone; Sept. p. 42
- Oki 333 Stereo Tape Recorder; July p.
- Perpetuum Ebner PE-34 Integrated Turntable; Jan. p. 34
- Kos/Rek-O-Kut R-34 Integrated Turntable/arm; July p. 32
- Scott 260 Solid-State Amplifier; May p. 32
- Scott 2300 Stereo Phono and Stereo-FM Playback System. Dec. p. 48
- Sherwood S-9900 Solid-State Amplifier; Sept. p. 42
- Shure M55E Stereo Cartridge with Elliptical Stylus; Nov. p. 69
- Shure Solo-Phone Headphone Amplifier; Sept. p. 44
- Sony/Superscope 250A Stereo Tape Re-corder; Oct. p. 72
- Viking 96/RP 120 Stereo Tape Deck;
- Whitecrest W-2 Speaker System; Nov. p. 54

FM

A New Look at FM, Harry E. Maynard. Feb. p. 36

FUN AND FANTASY

- Calculus Made Difficult, Daniel R. Butterly. June p. 42
- Hi Fi and the British: Exhibitionism, Alan Watling. Oct. p. 28

HIGH FIDELITY SHOWS

Hi Fi and the British: Exhibitionism, Alan Watling. Oct. p. 28

INSTALLATIONS

- Educated Audio System, Gerard Strang. July p. 26
- Languages and the Language Labora-tory, Harold D. Weiler. Dec. p. 19 Law Licensing of Television Service; Al-
- bert Woodruff Gray, Oct. p. 26

MICROPHONES

- "New" Ribbon Microphone, Charles P. Fisher. Aug. p. 19
- The Improbable Optical Microphone, Virginia Rettinger. Sept. p. 29

MUSICAL INSTRUMENTS

- Shaping Electronic Organ Envelopes, D. Wolkov. Jan. p. 24
- Special Electronic Organ Tone Sources, D. Wolkov. Feb. p. 30
- Sound Reproducers for Electronic Organs, D. Wolkov. March p. 30

PHONO CARTRIDGES

Evaluating the Performance of Hi-Fi Stereo Phono Cartridges, James H. Kogen. Nov. p. 21

RECORDING

Application of Stereo Dual-Track Techniques to Lecture Recording, C. B. Hagen. Nov. p. 19 Are Tapes Long Lived? John T. Mullin. June p. 19

A

B

C

- Converting the Uher 4000-S to Stereo Playback, C. G. McProud. Oct. p. 19
- Tape Duplication at Ampex. Ed Zdobinski. Dec. p. 22
- Languages and the Language Laboratory, Harold D. Weiler. Dec. p. 19
- Microphone Amplifier and Coupling Unit for the Stereo-Modified Uher 4000-S, C. G. McProud. Nov. p. 26
- New Tape Types, Larry Zide. Dec. p. 23 Recording Without Microphones, Robert Hazelleaf. May p. 24
- Solid-State Limiter for Tape Recording, Wayne B. Denny and James Young. Sept. p. 30

SPEAKERS AND SPEAKER

- Acoustic Resistance Damping for Loudspeakers, John L. Grauer. March p. 22
- Transfusion for Little Speakers, Bill Yaeger and Roger Hull. June p.
- Loudspeaker Directional Characteristics, David Klepper. Sept. p. 23
- Protecting Speakers Against Overload, K. F. Russell. Sept. p. 36
- The Wooden Monster, C. William Phillips. Oct. p. 48

SOUND REINFORCEMENT

- A Basic Course in Commercial Sound, Norman Crowhurst. Chapter 10. Jan. D. 28
- The Chrysler Pavilion, William R. Farrell and David Klepper. April p. 28
- Reversible Sound Systems, Abraham B. Cohen. June p. 30
- Sound at the Fair, Martin Dickstein. April p. 19
- Temporary Sound Amplification Systems, David Klepper. Part 1, Jan. p. 23; part 2, Feb. p. 23
- World's Fair Outdoor Sound System, Arthur W. Schneider. April p. 26
- The Vatican Pavilion, R. T. Bozak. April p. 24

TEST EQUIPMENT

- Putting Junkbox Meters to Work, Donald R. Hicke. Aug. p. 22
- Solid-State Wien-Bridge Audio Oscilla-tor, I. C. Zero. July p. 19

TRANSISTORS

- Development of a Pulse Modulated Audio Amp, Norman Crowhurst. Part 1. Sept. p. 19; part 2, Oct. p. 32; part 3, Nov. p 36; part 4, Dec. p. 36
- The Languad Expert Goes Solid-State, George L. Augspurger. Sept. p. 32
- Simple Transistor Driver for Stereo Headphones, Fred D. Clapp. Aug. p.
- Solid-State Limiter for Tape Recording, Wayne B. Denny and James Young. Sept. p. 30
- Transistor Output Stages Distortion and Driver Impedance, George Fietcher Cooper. Oct. p. 58
- Transresistance Method for Approximating Linear Transistor Circuit Operation. R. R. Moore. July p. 25

SUBJECT INDEX

1965

AMPLIFIERS

- A La Pi-Mode, George Fletcher Cooper. March p. 19
- Calibrated Stereo Control Unit, Raphael F. Ehat. Part 1, April p. 30; part 2, May p. 26; part 3, June p. 23; part 4, July p. 22
- Development of a Pulse Modulated Au-dio Amp, Norman H. Crowhurst. Part 1, Sept. p. 19; part 2, Oct. p. 32; part 3, Nov. p. 36; part 4, Dec. p. 36
- Effect of Power Line Variation on Low-Frequency Operation of Amplifiers, George Lehsten. Feb. p. 22
- Amplifier for 2-Channel Stereo Signals, Wayne B. Denny. Jan. D. 19
- Portable Console for Broadcast or Discotheque, John Whitacre. May p. 19 Simple Transistor Driver for Stereo
- Headphones, Fred D. Clapp. Aug. p. 26 Transistor Output Stages Fletcher Cooper. Oct. p. 58. Output Stages, George

Characteristics of Shunted Potentiometers, Ronald L. Ives. Feb. p. 19

EQUIPMENT PROFILES

- Acoustech III Solid-State Power Amplifler; Feb. p. 48
- Altec 604E Speaker System; June p. 36 Altec 844A Monitor Speaker System;
- Dec. p. 50 Benjamin Stereo 200 Phono Playback System; Feb. p. 48
- Bogen B-62 Integrated Turntable; May
- Concord R-2000 Tape Recorder; March
- Dual 1010 Automatic Record Player; Feb. p. 42
- EICO 250 Wideband A.C. VTVM; Dec. D. 48
- EICO 3566 Solid-State FM-Stereo Receiver; May p. 44
- Empire 888-P Stereo Cartridge; Oct. p.
- Fisher 600T Solid-State Stereo Receiver; March p. 39
- Garrard Lab 80 Automatic Turntable; March p. 38
- Grado Type A Stereo Cartridge; July p.
- Heathkit AJ43 AM/FM Stereo Tuner; Jan. p. 35
- JBL SG 520 Solid-State Stereo Preamplifier; Jan. p. 34
- JFD LPL-FM 10 FM Antenna; Jan. p.
- KLH Eighteen FM-Stereo Tuner; June p. 35
- KLH Sixteen Stereo Amplifier; June p. 35
- KSC-3 360-deg. Speaker System; Oct.
- Kenwood KW-550 FM-Stereo Tuner; July p. 30
- Knight-Kit KG-870 Transistor Stereo Amplifier; March p. 51 Marantz Model 10B FM-Stereo Tuner;
- April p. 32

- Mattes SSP-200 Solid-State Power Amplifier; Nov. p. 53
- McIntosh MR-71 FM-Stereo Tuner; Feb. p. 42
- McIntosh C-24 Solid-State Stereo Preamplifier; Feb. p. 44
- Network Spark Injector; Feb. p. 46
- Neumann U-64 Condenser Microphone; Sept. p. 42
- Oki 333 Stereo Tape Recorder; July p.
- Perpetuum Ebner PE-34 Integrated Turntable; Jan. p. 34
- Kos/Rek-O-Kut R-34 Integrated Turntable/arm; July p. 32
- Scott 260 Solid-State Amplifier; May p. 32
- Scott 2300 Stereo Phono and Stereo-FM Playback System. Dec. p. 48
- Sherwood S-9900 Solid-State Amplifier; Sept. p. 42
- Shure M55E Stereo Cartridge with Elliptical Stylus; Nov. p. 69
- Shure Solo-Phone Headphone Amplifier; Sept. p. 44
- Sony/Superscope 250A Stereo Tape Re-corder; Oct. p. 72
- Viking 96/RP 120 Stereo Tape Deck;
- Whitecrest W-2 Speaker System; Nov. p. 54

FM

A New Look at FM, Harry E. Maynard. Feb. p. 36

FUN AND FANTASY

- Calculus Made Difficult, Daniel R. Butterly. June p. 42
- Hi Fi and the British: Exhibitionism, Alan Watling. Oct. p. 28

HIGH FIDELITY SHOWS

Hi Fi and the British: Exhibitionism, Alan Watling. Oct. p. 28

INSTALLATIONS

- Educated Audio System, Gerard Strang. July p. 26
- Languages and the Language Labora-tory, Harold D. Weiler. Dec. p. 19 Law Licensing of Television Service; Al-
- bert Woodruff Gray, Oct. p. 26

MICROPHONES

- "New" Ribbon Microphone, Charles P. Fisher. Aug. p. 19
- The Improbable Optical Microphone, Virginia Rettinger. Sept. p. 29

MUSICAL INSTRUMENTS

- Shaping Electronic Organ Envelopes, D. Wolkov. Jan. p. 24
- Special Electronic Organ Tone Sources, D. Wolkov. Feb. p. 30
- Sound Reproducers for Electronic Organs, D. Wolkov. March p. 30

PHONO CARTRIDGES

Evaluating the Performance of Hi-Fi Stereo Phono Cartridges, James H. Kogen. Nov. p. 21

RECORDING

Application of Stereo Dual-Track Techniques to Lecture Recording, C. B. Hagen. Nov. p. 19 Are Tapes Long Lived? John T. Mullin. June p. 19

A

B

C

- Converting the Uher 4000-S to Stereo Playback, C. G. McProud. Oct. p. 19
- Tape Duplication at Ampex. Ed Zdobinski. Dec. p. 22
- Languages and the Language Laboratory, Harold D. Weiler. Dec. p. 19
- Microphone Amplifier and Coupling Unit for the Stereo-Modified Uher 4000-S, C. G. McProud. Nov. p. 26
- New Tape Types, Larry Zide. Dec. p. 23 Recording Without Microphones, Robert Hazelleaf. May p. 24
- Solid-State Limiter for Tape Recording, Wayne B. Denny and James Young. Sept. p. 30

SPEAKERS AND SPEAKER

- Acoustic Resistance Damping for Loudspeakers, John L. Grauer. March p. 22
- Transfusion for Little Speakers, Bill Yaeger and Roger Hull. June p.
- Loudspeaker Directional Characteristics, David Klepper. Sept. p. 23
- Protecting Speakers Against Overload, K. F. Russell. Sept. p. 36
- The Wooden Monster, C. William Phillips. Oct. p. 48

SOUND REINFORCEMENT

- A Basic Course in Commercial Sound, Norman Crowhurst. Chapter 10. Jan. D. 28
- The Chrysler Pavilion, William R. Farrell and David Klepper. April p. 28
- Reversible Sound Systems, Abraham B. Cohen. June p. 30
- Sound at the Fair, Martin Dickstein. April p. 19
- Temporary Sound Amplification Systems, David Klepper. Part 1, Jan. p. 23; part 2, Feb. p. 23
- World's Fair Outdoor Sound System, Arthur W. Schneider. April p. 26
- The Vatican Pavilion, R. T. Bozak. April p. 24

TEST EQUIPMENT

- Putting Junkbox Meters to Work, Donald R. Hicke. Aug. p. 22
- Solid-State Wien-Bridge Audio Oscilla-tor, I. C. Zero. July p. 19

TRANSISTORS

- Development of a Pulse Modulated Audio Amp, Norman Crowhurst. Part 1. Sept. p. 19; part 2, Oct. p. 32; part 3, Nov. p 36; part 4, Dec. p. 36
- The Languad Expert Goes Solid-State, George L. Augspurger. Sept. p. 32
- Simple Transistor Driver for Stereo Headphones, Fred D. Clapp. Aug. p.
- Solid-State Limiter for Tape Recording, Wayne B. Denny and James Young. Sept. p. 30
- Transistor Output Stages Distortion and Driver Impedance, George Fietcher Cooper. Oct. p. 58
- Transresistance Method for Approximating Linear Transistor Circuit Operation. R. R. Moore. July p. 25

AUTHOR INDEX

1965

Augspurger, George L.

The Languad Expert Goes Solid-State. Sept. p. 32

Bozak, R. T.

fullin.

Stereo

p. 19

dobin-

abora-

Z Unit

000-S,

p. 23

Rob-

rding.

oung.

Loud-

p. 22

akers,

ine p.

eteris-

rload.

Phil-

ound.

Jan.

Far-

m B.

stein.

Sys-

ın. p.

stem.

ozak.

Don-

scilla-

i Auart 1. art 3, State, teren g. p. ding, oung. rtion etchroxi-Op-

965

The Vatican Pavilion. April p. 24

Butterly, Daniel R.

Calculus Made Difficult. June p. 42

Clapp, Fred D.

Simple Transistor Driver For Stereo Headphones. Aug. p. 26

Cohen, Abraham B.

Reversible Sound Systems. June p. 30

Cooper, George Fletcher

La Pi-Mode. March p. 19 Transistor Output Stages-Distortion and Driver Impedance. Oct. p. 58

Crowhurst, Norman

A Basic Course in Commercial Sound Chapter 10. Jan. p. 28

Development of a Pulse Modulated Audio Amplifier. Part 1, Sept. p. 19; part 2, Oct. p. 32; part 3, Nov. p. 36; part 4, Dec. p. 36

Denny, Wayne B.

Matrixing Amplifier for 2-Channel Stereo Signals. Jan. p. 19

Denny, Wayne B. and James Young Solid-State Limiter for Tape Recording. Sept. p. 30

Dickstein, Martin

Sound at the Fair. April p. 19

Ehat, Raphael F.

Calibrated Stereo Control Unit. Part April p. 30; part 2, May p. 26; part 3, June p. 23; part 4, July p. 22

Farrell, William R. and David Klepper The Chrysler Pavilion. April p. 28

Fisher, Charles P.

A "New" Ribbon Microphone. Aug. p.

Grauer, John L.

Acoustic Resistance Damping for Loudspeakers. March p. 22

Gray, Albert Woodruff

Licensing of Television Servicemen. Oct. p. 26

Hagen, C. B.

Application of Stereo Dual-Track Techniques to Lecture Recording. Nov.

Recording without Microphones. May

Hicke, Donald R.

Putting Junkbox Meters to Work. Aug. p. 22

Hull, Roger and Bill Yaeger

Bass Transfusion for Little Speakers. June p. 21

Ives, Ronald L.

Characteristics of Shunted Potentiometers. Feb. p. 19

Klepper, David

Loudspeaker Directional Characteristics. Sept. p. 23

Temporary Sound Amplification Systems, Part 1, Jan. p. 23; part 2, Feb.

Klepper, David and William R. Farrell The Chrysler Pavilion. April p. 28

Kogen, James H.

Evaluating the Performance of Hi-Fi Stereo Phonograph Cartridges. Nov. p. 21

Lehsten, George

Effect of Power Line Variation on Low-Frequency Operation of Amplifiers. Feb. p. 22

Maynard, Harry E.

A New Look at FM. Feb. p. 36

Converting the Uher 4000-S to Stereo Playback. Oct. p. 19

Microphone Amplifier and Coupling Unit for the Stereo-Modified Uher 4000-S. Nov. p. 26

Moore, R. R.

Transresistance Method for Approximating Linear Transistor Circuit Operation. Oct. p. 58

Mullin, John T.

Are Tapes Long Lived? June p. 19

Phillips, C. William

The Wooden Monster. Oct. p. 48

Rettinger, Virginia

The Improbable Optical Microphone. Sept. p. 29

Russell, K. F.

Protecting Speakers Against Overload. Sept. p. 36

Schneider, Arthur W.

World's Fair Outdoor Sound System.

April p. 26

Strang, Gerard

Educated Audio System. July p. 26

Watling, Alan

Hi-Fi and the British: Exhibitionism.

Oct. p. 28

Weiler, Harold D. Languages and the Language Laboratory. Dec. p. 19

Whitacre, John

Portable Console for Broadcast or Discotheque. May p. 19

Shaping Electronic Organ-Tone Envelopes. Jan. p. 24

Sound Reproducers for Electronic Organs. March p. 30

Special Electronic Organ-Tone Sources. Feb. p. 30

Yaeger, Bill and Roger Hull Bass Transfusion for Little Speakers. June p. 21

Young, James and Wayne B. Denny

Solid-State Limiter for Tape Recording. Sept. p. 30

Zdobinski, Ed

Tape Duplication at Ampex. Dec. p. 22

Solid-State Wien-Bridge Audio Oscillator. July p. 19

Zide, Larry

New Tape Types. Dec. p. 23

2



